

L2 Channel Configuration Commands

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Chapter 1 L2 Channel Configuration Commands

1.1 L2 Channel Configuration Commands

L2 tunnel monitoring commands include:

- [L2 protocol-tunnel](#)
- [no spanning-tree](#)

1.1.1 L2 protocol-tunnel

Syntax

To configure the layer-2 (L2) protocol tunnel, run the following command. To return to the default setting, use the no form of this command.

`l2protocol-tunnel [stp]`

`[no] l2protocol-tunnel [stp]`

Parameters

None

Default Value

By default, the tunnel function of any L2 protocol is not enabled on the port of the switch.

When the tunnel function is enabled, the tunnel function of all supported L2 protocols is enabled if no specific L2 protocol is designated.

Command Mode

Interface configuration mode

Usage Guidelines

Currently only STP supports the tunnel function in our switches.

Example

The following example shows how to enable the tunnel function of the STP (including STP/PVST) on interface g0/2.

```
Switch_config# interface g0/2
Switch_config_g0/2# l2protocol-tunnel stp
```

1.1.2 no spanning-tree

Syntax

To disable the STP of a port, run the following command.

no spanning-tree

Parameters

None

Default Value

STP can be enabled on all OLTs' ports by default.

Command Mode

Interface configuration mode, ONU configuration mode

Usage Guidelines

This command is used to disable STP on the port of a tunnel entrance, preventing this port from influencing the devices that access the tunnel by sending the STP packets.

Example

The following example shows how to disable STP on port g0/2:

```
Switch_config# interface g0/2
Switch_config_g0/2# no spanning-tree
```